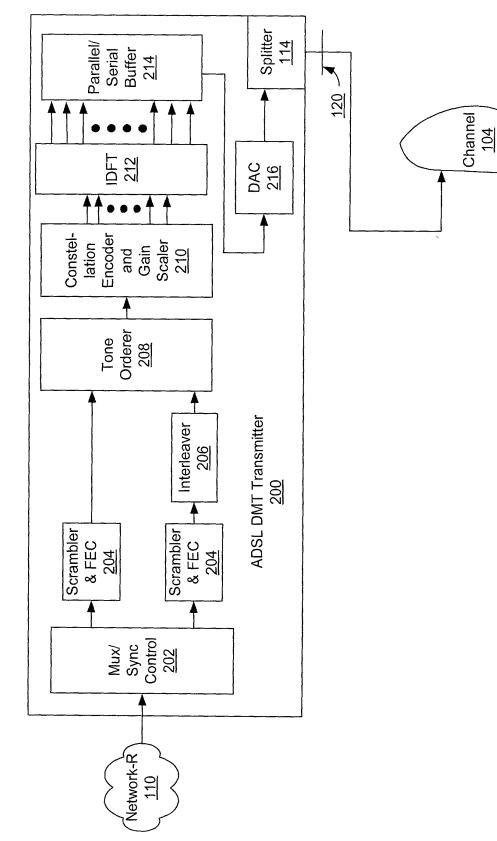


FIG.1

FIG. 2



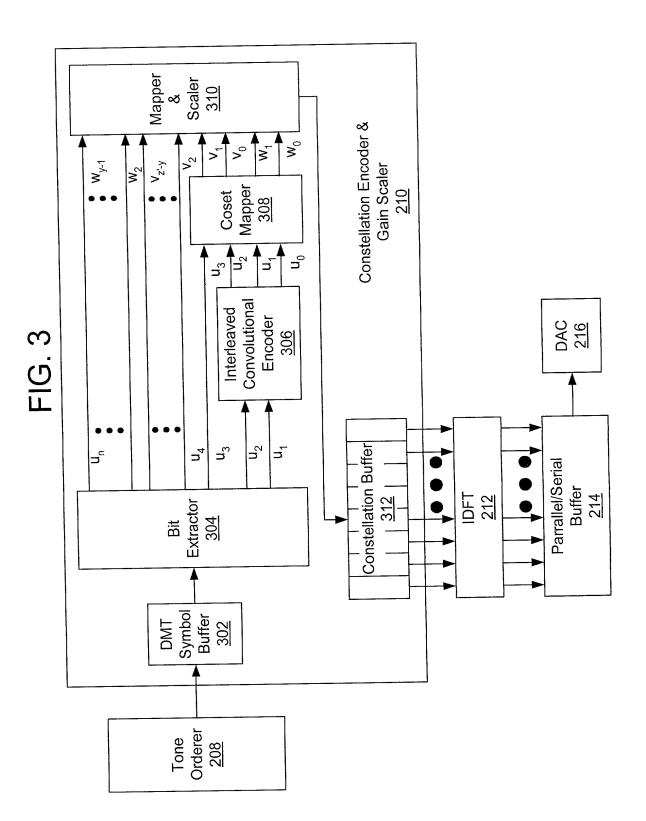


FIG 4

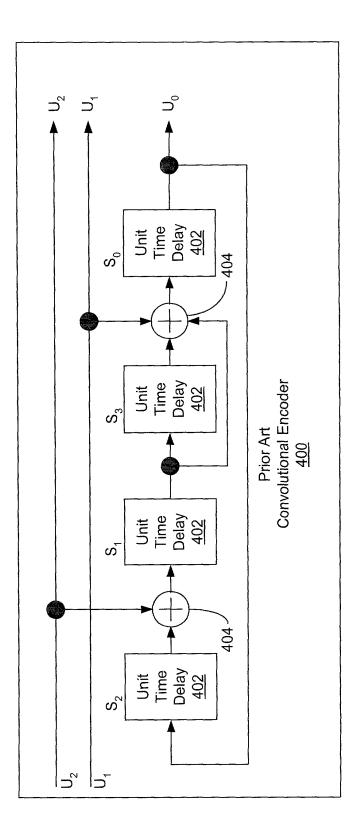


FIG. 5

Discrete Multitone Interleaver (First Embodiment)

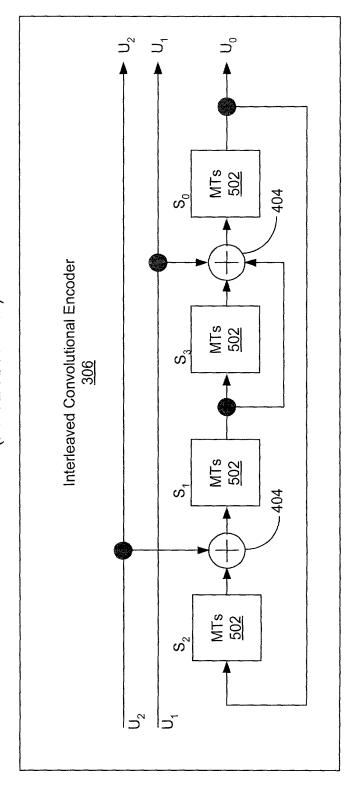
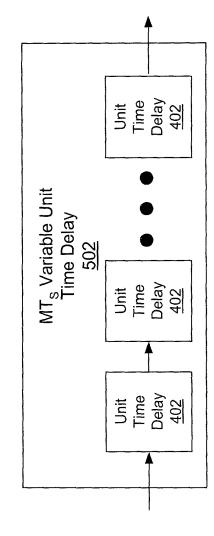


FIG. 6



Mapper & Scaler 310 Constellation Buffer W₂'-y ¥-√ 2 312 1DFT 212 L_3 Coset Mapper 308 SDual Switch Q Q 9 **FIG. 7**Discrete Multitone Interleaver (Second Embodiment) Convolutional Encoder <u>400</u> Convolutional Convolutional Encoder 400 Encoder 400 9 9 9 9 ۳ ت r^2 ກົ Bit Extractor | 304 702 DMT Symbol Buffer 302 Tone Orderer 208

FIG. 8

Discrete Multitone Interleaver (Preferred Embodiment)

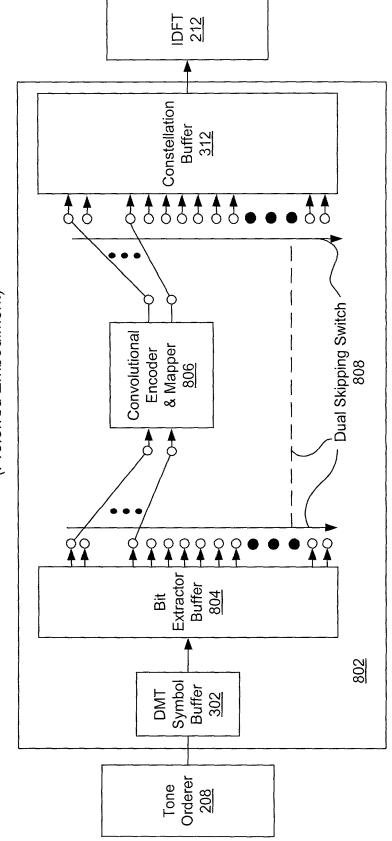


FIG. 9

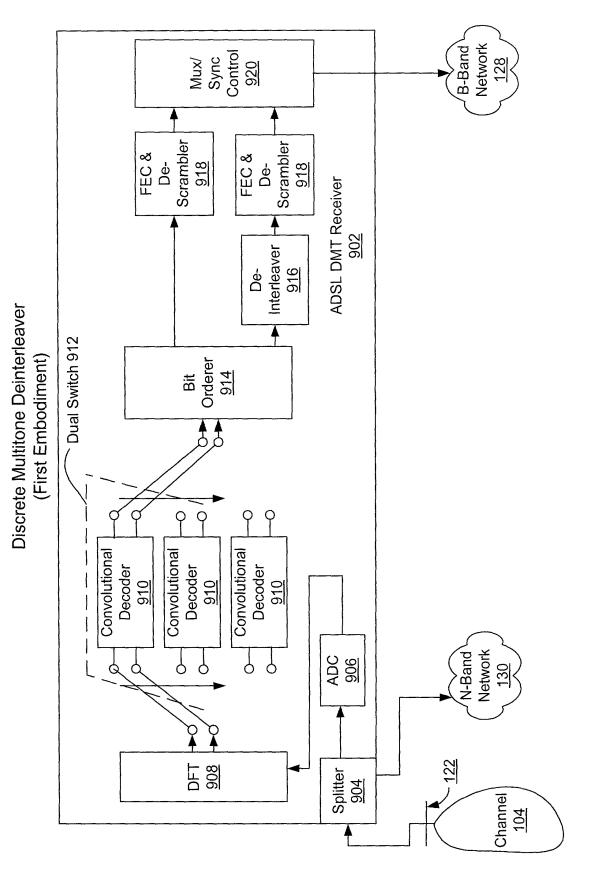


FIG. 10

Discrete Multitone Deinterleaver (Preferred Embodiment)

